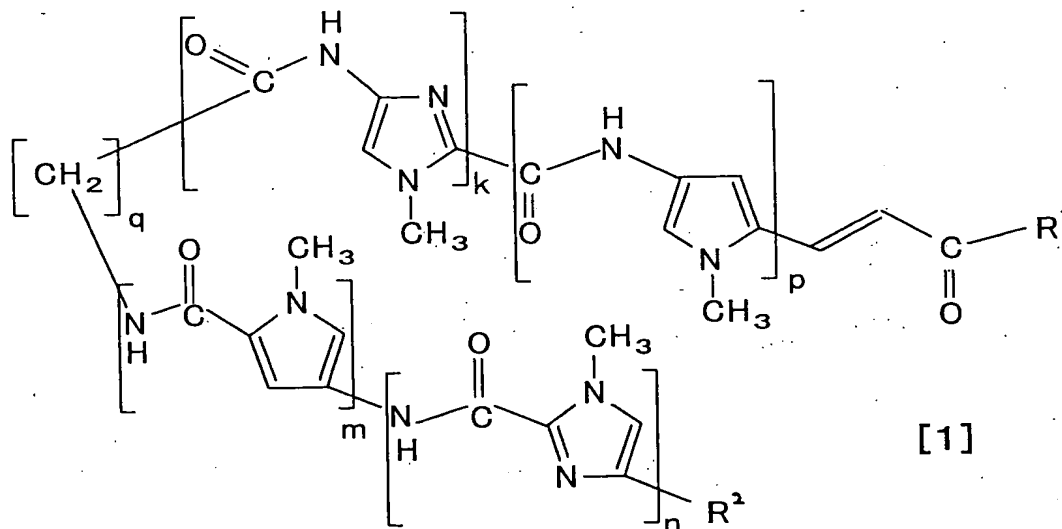


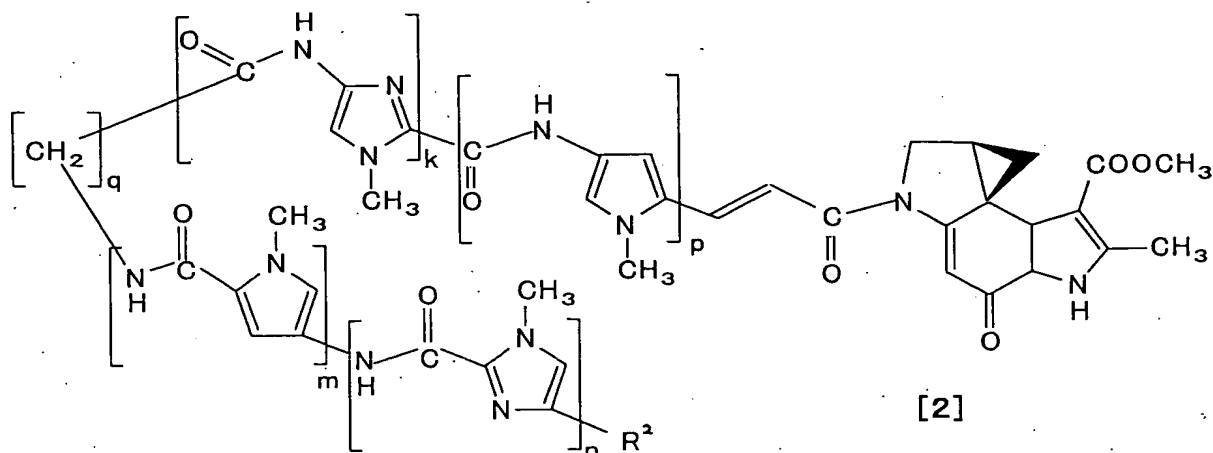
CLAIMS

1. A hairpin polyamide having an alkylation reaction site via a vinyl linker on the terminal of a pyrrole-imidazole polyamide.
2. The hairpin polyamide according to Claim 1 wherein the hairpin polyamide is a compound represented by Formula [1]:



in which R^1 is an alkylation reaction site, R^2 is a hydrogen, an alkyl group or an acetamide group, and k , p , q , m and n represents a natural number respectively.

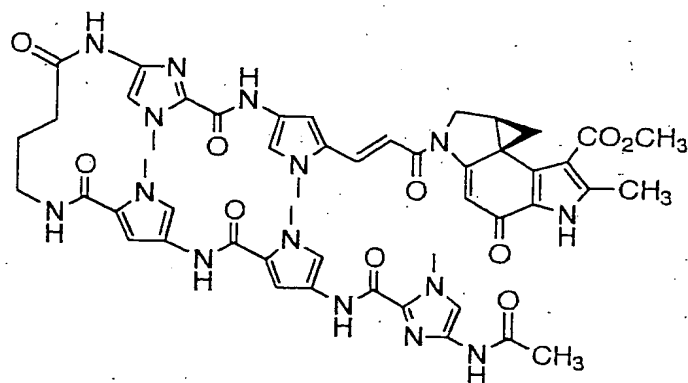
3. The hairpin polyamide according to Claim 2 wherein the compound represented by Formula [1] is a compound represented by Formula [2]:



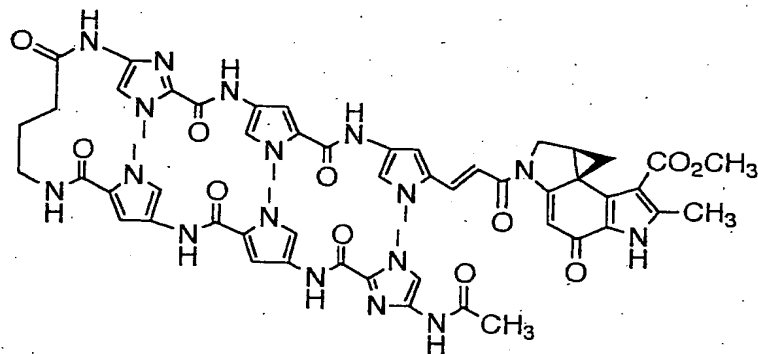
in which R^2 is a hydrogen, an alkyl group or an acetamide group, and k , p , m and n

represents a natural number respectively.

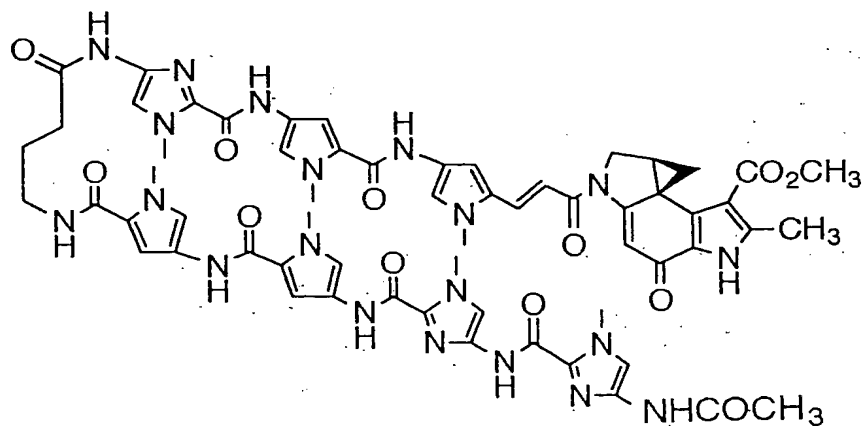
4. The hairpin polyamide according to Claim 3 wherein the compound represented by Formula [2] is a compound represented by the following structural formula:



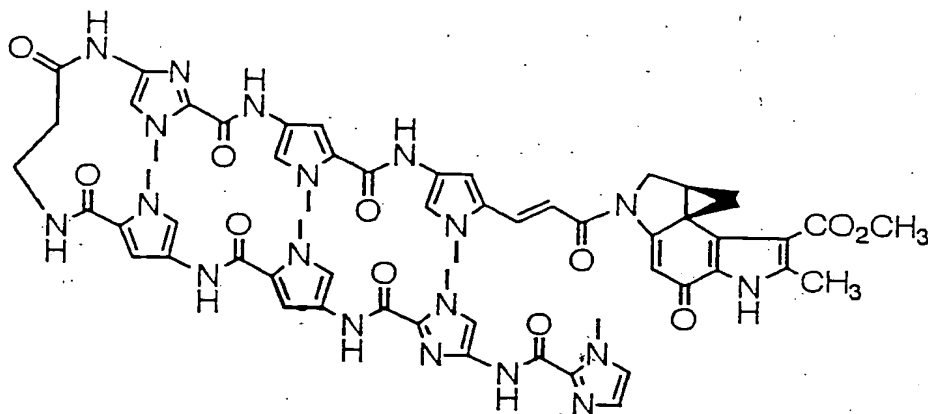
5. The hairpin polyamide according to Claim 3 wherein the compound represented by Formula [2] is a compound represented by the following structural formula:



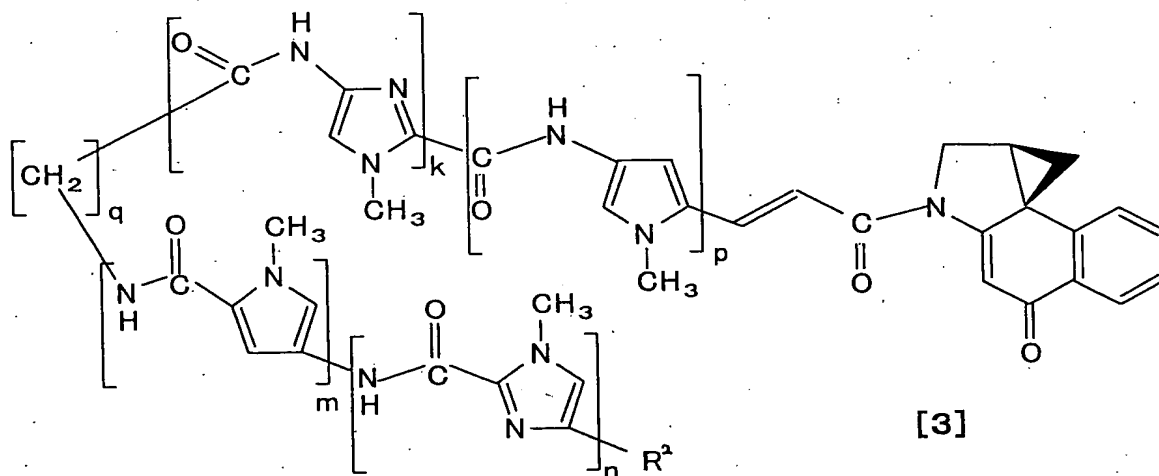
6. The hairpin polyamide according to Claim 3 wherein the compound represented by Formula [2] is a compound represented by the following structural formula:



7. The hairpin polyamide according to Claim 3 wherein the compound represented by Formula [2] is a compound represented by the following structural formula:

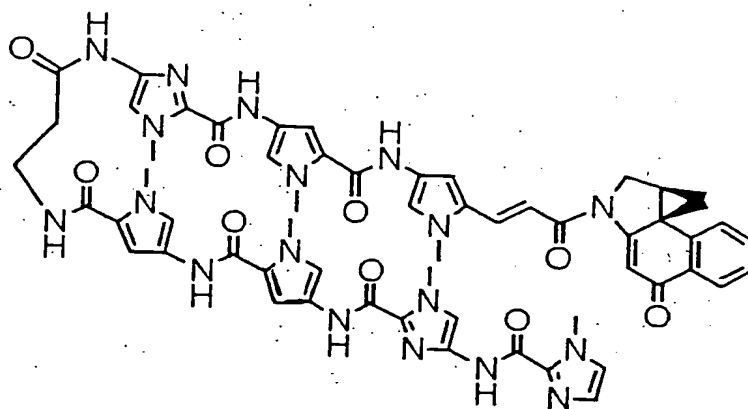


8. The hairpin polyamide according to Claim 2 wherein the compound represented by Formula [1] is a compound represented by Formula [3]:



in which R^2 is a hydrogen, an alkyl group or an acetamide group, and k , p , q , m and n represents a natural number respectively.

9. The hairpin polyamide according to Claim 8 wherein the compound represented by Formula [3] is a compound represented by the following structural formula:



10. An agent inhibiting the expression of a specific gene which comprises a hairpin polyamide according to any of Claims 1 to 9.
11. An agent according to Claim 10 wherein said specific gene is an abnormal gene.
12. An agent having an anti-cancer activity which comprises a hairpin polyamide according to any of Claims 1 to 9.